

PDR RID Report

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Document

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|----------------|-------------|-----|
| RID ID | PDR | 525 |
| Review | Wrap-up | |
| Originator Ref | DAAC-unique | |
| Priority | 2 | |

Section

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Figure Table

Slide MA-16

Category Name ESDIS System-Level

Actionee HAIS

Sub Category

Subject Software Development Guidelines for DAAC-unique Extensions

Description of Problem or Suggestion:

No software development guidelines currently exists to guide DAAC personnel in development of DAAC-unique extensions to the ECS.

Originator's Recommendation

ECS software development guidelines should be extended and/or repackaged to guide development/integration of DAAC-unique extensions.

GSFC Response by:

GSFC Response Date

HAIS Response by: P. Lyons/E. Lerner

HAIS Schedule 5/15/95

HAIS R. E. B. Singelton

HAIS Response Date 5/16/95

No software development guidelines currently exist to guide DAAC personnel in development of DAAC-unique extensions to ECS. The ESDIS project plans to use the documentation that ECS is planning to deliver (during the normal course of business) as reference documents to enable the project to add DAAC-unique extensions to ECS. Per Change Order #1, ECS is committed to delivering a number of API's as well as certain specific types of documentation (e.g., "ECS Service Provider Interface Description Document) which could be used by the DAAC's to extend ECS capabilities.

- Specifically, the API's to be delivered by ECS include the following:
 - Client API - Enables development of additional clients that could interface with ECS
 - Ingest Client API - Enables development of additional ingest clients
 - Data Server API - Enables development of additional service providers within ECS
 - Storage System API - Enables integration of site-specific archives with Data Server
 - Advertising Service API - Enables service providers to upload advertisements for their data/services
 - Data Dictionary Service API - Enables access to the ECS Data Dictionary
 - LIM/DIM API's - Enable service providers to integrate with our distributed query capabilities
 - MSS API - For monitoring and control of managed resources
 - One API which is currently under analysis:
 - API to ECS's PDPS Planning & Scheduling Capability
 - SDP Toolkit API (Not part of CO#1) - Enables development of user-defined methods in Release B time frame.

Status Closed

Date Closed 7/6/95

Sponsor Banks

Attachment if any
